



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 23, 2019

Megan Priest
Regulatory Consultant to Jet Harvest Solutions
Technology Sciences Group Inc.
1150 18th Street NW, Suite 1000
Washington, DC 20036

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Revise existing directions for use and other changes, including those requested by the EPA (e.g., update precautionary statement, personal protective equipment, and storage statement), and Response to EPA Request for Storage Stability and Corrosion Characteristics Data
Product Name: Bio Save 10 LP Biological Fungicide
EPA Registration Number: 81803-5
Application Dates: 08/20/2019 and 11/27/2019
OPP Decision Numbers: 555263 and 557886

Dear Ms. Priest:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining

Page 2 of 2
EPA Reg. No. 81803-5
OPP Decision Nos. 555263 and 557886

a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

Additionally, in a memorandum dated December 13, 2019 (see enclosure), the EPA rated submitted storage stability and corrosion characteristics data (MRID No. 510104-01) as acceptable.

If you have any questions, please contact Bibiana Oe by phone at (703) 347-8162 or via email at oe.bibiana@epa.gov

Sincerely,

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.

Daniel Schoeff, Acting Product Manager 92
Microbial Pesticides Branch
Biopesticides and Pollution Prevention Division (7511P)
Office of Pesticide Programs

Enclosure: Science memorandum dated December 13, 2019



Biological Fungicide

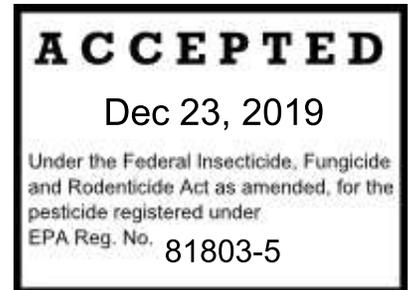
- A post-harvest biological disease preventative for citrus fruit (lemons, oranges, and grapefruit), pome fruit (apples and pears), cherries, potatoes, sweet potatoes and sugar beets.
- Aids in the control of blue mold (*Penicillium expansum*) and gray mold (*Botrytis cinerea*) on cherries.
- Aids in the control of dry rot (*Fusarium sambucinum*) and silver scurf (*Helminthosporium solani*) on potatoes.
- Aids in the control of green mold (*Penicillium digitatum*), blue mold (*Penicillium italicum*), and sour rot (*Geotrichum candidum*) on citrus fruit (lemons, oranges, and grapefruit).
- Aids in the control of blue mold (*Penicillium expansum*), gray mold (*Botrytis cinerea*), and mucor rot (*Mucor piriformis*) on pome fruit (apples and pears).
- Aids in the control of *Penicillium* sp. and gray mold (*Botrytis cinerea*) on sugar beets.
- Aids in the control of Rhizopus soft rot (*Rhizopus stolonifer*) on sweet potatoes.

ACTIVE INGREDIENT:

Pseudomonas syringae Strain ESC-10..... 28.61%*

OTHER INGREDIENTS:71.39%

TOTAL 100.00%



*Note: Contains a minimum of 9 x 10¹⁰ colony forming units per gram of formulated product.

KEEP OUT OF REACH OF CHILDREN

WARNING

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

First Aid	
If in Eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
Hot Line Number	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies, call the poison control center at 1-800-222-1222.	

[See ([back][side][inside][enclosed]) ([panel][pamphlet]) for additional ([precautionary statements] [and] [directions for use]).]

Austin Grant Inc., DBA
JET Harvest Solutions®

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Toll Free: 877-866-5773
Facsimile: 407-298-2377

EPA Reg. No. 81803-5
EPA Establishment No. 89198-WI-001

Patent No. 5,554,368
Net Weight: 500 grams (1.1 lb.), 250 grams (8.8 oz.), 150 grams (5.3 oz.)

Note to Reviewer: Language in Brackets is optional. When parenthesis and brackets are paired together, one of the options in the parenthesis must be chosen.

Bio Save 10 LP Biological Fungicide
EPA Reg. No. 81803-5
Master Label 12-23-19
Page 1 of 5

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (such as goggles, face shield, or safety glasses) when mixing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt
- Long pants
- Shoes plus socks
- Protective eyewear

Mixers/loaders and applicators must wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, R, or P filter; OR a NIOSH-approved powered air-purifying respirator with an HE filter. (Repeated exposures to high concentrations of microbial proteins can cause allergic sensitization.)

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions are available, wash with detergent and hot water. Keep and store PPE separately from other laundry.

User Safety Recommendations

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Then wash thoroughly and put on clean clothing.

Environmental Hazards: Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

It is in violation of Federal law to use this product in a manner inconsistent with its labeling.

PRODUCT INFORMATION

- Compatible with many common post-harvest practices, including fungicide applications.
- Easy to apply with most conventional application equipment.
- Ideal for integrated disease management programs.

USE RESTRICTIONS

Bio-Save® 10 LP Biological Fungicide is a biological control agent for post-harvest applications only. Do not add directly to waxes, soaps or sanitizers. Do not add to chlorinated water. Apply most chemical fungicides after **Bio-Save® 10 LP Biological Fungicide** has been applied. Contact your JET Harvest Solutions technical advisor for more information.

MIXING INSTRUCTIONS

Bio-Save® 10 LP Biological Fungicide must be suspended in water for at least 10-30 minutes prior to use. Water is a carrier for the Bio-Save 10 LP. When needed, increase or decrease the amount of water in the mixture based on the wetness of the labeled commodity. Wetness is defined as dry, damp or labeled commodity is dripping with water. Labeled commodity, once product is applied in water suspension, should have minimal water appearance. No water dripping is preferred.. Agitate periodically to maintain suspension and agitate the suspension prior to application to fruit or vegetables. After opening sealed container, use entire contents of **Bio-Save® 10 LP Biological Fungicide**.

CITRUS FRUIT (Lemons, Oranges, and Grapefruit)

Bio-Save® 10 LP Biological Fungicide controls decay of citrus fruit caused by green mold (*Penicillium digitatum*), blue mold (*Penicillium italicum*), and sour rot (*Geotrichum candidum*) during storage and transport.

Non-recovery Spray: Add 150 grams (5.3 oz.) of product to 10 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) of product to 25 gallons of water. Water is a carrier for the Bio-Save 10 LP. When needed, increase or decrease the amount of water in the mixture based on the wetness of the labeled commodity. Wetness is defined as dry, damp or labeled commodity is dripping with water. Labeled commodity, once product is applied in water suspension, should have minimal water appearance. No water dripping is preferred.. Agitate the mixture to ensure proper suspension. Apply by drip or spray system to freshly cleaned citrus fruit, prior to waxing. Apply over soft, clean brushes or donut rolls. Best control results are obtained by applying entire suspension to 40,000/60,000/100,000 pounds of citrus.

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Bio Save 10 LP Biological Fungicide
EPA Reg. No. 81803-5
Master Label 12-23-19
Page 2 of 5

CHERRIES

Bio-Save® 10 LP Biological Fungicide controls decay of cherries by blue mold (*Penicillium expansum*) and gray mold (*Botrytis cinerea*).

Conventional Dip or Drench: Add 150 grams (5.3 oz.) of product to 10 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) of product to 25 gallons of water. Agitate the mixture to ensure proper suspension. Drench cherries thoroughly. Recycled dip/drench suspension will need to be recharged at intervals dependent on individual customer use; consult a JET Harvest Solutions technical advisor for more information.

Overhead Application System: Add 150 grams (5.3 oz.) of product to 10 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) of product to 25 gallons of water. Water is a carrier for the Bio-Save 10 LP. When needed, increase or decrease the amount of water in the mixture based on the wetness of the labeled commodity. Wetness is defined as dry, damp or labeled commodity is dripping with water. Labeled commodity, once product is applied in water suspension, should have minimal water appearance. No water dripping is preferred.. Agitate the mixture to ensure proper suspension. Apply over conveyor belt or rollers by drip or spray to cherries prior to packaging. Uniform coverage is required. Recycled suspension will need to be recharged at intervals dependent on individual customer use; consult a JET Harvest Solutions technical advisor for more information. Best control results are obtained by applying entire suspension to 40,000/60,000/100,000 pounds of cherries.

POME FRUIT (Apples and Pears)

Bio-Save® 10 LP Biological Fungicide controls decay caused by blue mold (*Penicillium expansum*), including benzimidazole-resistant strains, gray mold (*Botrytis cinerea*), and mucor rot (*Mucor piriformis*) on apples and pears in both cold storage and controlled atmosphere storage.

Bio-Save® 10 LP Biological Fungicide is effective on these and other pome fruits: d'Anjou pears and the following apple cultivars: Red Delicious, Golden Delicious, Granny Smith, Fuji, Rome, Empire, Gala, Ida red, Jonathan, and Macintosh.

Conventional Dip or Drench: Add 150 grams (5.3 oz.) of product to 25 gallons of water / 250 grams (8.8 oz.) of product to 40 gallons of water / 500 grams (1.1 lb.) of product to 80 gallons of water. Agitate the mixture to ensure proper suspension. Treat pome fruit for at least one minute. Recycled dip/drench suspensions will need to be recharged at intervals dependent on individual use conditions; consult a JET Harvest Solutions technical advisor for more information. **Bio-Save® 10 LP Biological Fungicide** can be tank-mixed with the anti-scald compound diphenylamine (DPA) when used according to label directions.

Non-recovery Spray: Add 150 grams (5.3 oz.) of product to 25 gallons of water / 250 grams (8.8 oz.) of product to 40 gallons of water / 500 grams (1.1 lb.) of product to 80 gallons of water. Water is a carrier for the Bio-Save 10 LP. When needed, increase or decrease the amount of water in the mixture based on the wetness of the labeled commodity. Wetness is defined as dry, damp or labeled commodity is dripping with water. Labeled commodity, once product is applied in water suspension, should have minimal water appearance. No water dripping is preferred.. Agitate the mixture to ensure proper suspension. Apply to freshly cleaned pome fruit, prior to waxing. Apply over soft, clean brushes or donut rolls. Best control results are obtained by applying entire suspension to 100,000/160,000/240,000 pounds of pome fruit.

POTATOES

Bio-Save® 10 LP Biological Fungicide controls the decay caused by dry rot (*Fusarium sambucinum*) and silver scurf (*Helminthosporium solani*) on both seed and storage potatoes.

Overhead Spray Application: Add 150 grams (5.3 oz.) of product to 9 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) of product to 30 gallons of water. Water is a carrier for the Bio-Save 10 LP. When needed, increase or decrease the amount of water in the mixture based on the wetness of the labeled commodity. Wetness is defined as dry, damp or labeled commodity is dripping with water. Labeled commodity, once product is applied in water suspension, should have minimal water appearance. No water dripping is preferred.. Agitate the mixture to ensure proper suspension. Apply over conveyor belt or rollers by drip or spray to potatoes prior to storage. Uniform coverage is required. Apply the entire suspension to 900 / 1,500 / 3,000 sacks (100 pounds each) of potatoes.

SWEET POTATOES

Bio-Save® 10 LP Biological Fungicide controls the decay of Rhizopus soft rot (*Rhizopus stolonifer*) on sweet potatoes.

Overhead Spray Application: Add 150 grams (5.3 oz.) of product to 9 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) of product to 30 gallons of water. Water is a carrier for the Bio-Save 10 LP. When needed, increase or decrease the amount of water in the mixture based on the wetness of the labeled commodity. Wetness is defined as dry, damp or labeled commodity is dripping with water. Labeled commodity, once product is applied in water suspension, should have minimal water appearance. No water dripping is preferred.. Agitate the mixture to ensure proper suspension. Apply over conveyor belt or rollers, soft, clean brushes or donut rolls by drip or spray to sweet potatoes prior to storage. Uniform coverage is required. Apply the entire suspension to 90,000 / 150,000 / 300,000 pounds of stored sweet potatoes.

SUGAR BEETS

Bio-Save® 10 LP Biological Fungicide controls the decay caused by *Penicillium* sp. and gray mold (*Botrytis cinerea*) on sugar beets.

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Bio Save 10 LP Biological Fungicide
EPA Reg. No. 81803-5
Master Label 12-23-19
Page 3 of 5

Overhead Spray Application: Add 150 grams (5.3 oz.) of product to 9 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) of product to 30 gallons of water. Water is a carrier for the Bio-Save 10 LP. When needed, increase or decrease the amount of water in the mixture based on the wetness of the labeled commodity. Wetness is defined as dry, damp or labeled commodity is dripping with water. Labeled commodity, once product is applied in water suspension, should have minimal water appearance. No water dripping is preferred. Agitate the mixture to ensure proper suspension. Apply over conveyor belt or rollers by drip or spray to sugar beets prior to storage. Uniform coverage is required. Apply the entire suspension to 45 / 75 / 150 tons of sugar beets. **Bio-Save® 10 LP Biological Fungicide** can be tank-mixed with the fungicide thiabendazole when used according to label directions.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE

Store only in original containers under refrigerated conditions. Do not expose to heat or warm temperatures during storage and transportation. Keep refrigerated until used. Store product separately from food.

PESTICIDE DISPOSAL

To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

CONTAINER HANDLING

Nonrefillable container. Do not reuse or refill this container. Completely empty pouch into application equipment. Then, offer for recycling if available, or dispose of empty pouch in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. If burned, stay out of smoke.

WARRANTY STATEMENT

JET Harvest Solutions' instructions for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, express or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practices. To the extent consistent with applicable law, the buyer must assume all responsibilities, including injury or damage, resulting from its misuse as such or in combination with other materials.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, JET HARVEST SOLUTIONS' LIABILITY FOR ANY MALFUNCTION OR NONFUNCTION OF THIS PRODUCT SHALL BE LIMITED TO THE ACTUAL COST OF REPLACEMENT OF THE PRODUCT, AND SHALL NOT, IN ANY EVENT, EXCEED THE ORIGINAL PURCHASE PRICE THEREOF.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, JET HARVEST SOLUTIONS SHALL HAVE NO LIABILITY FOR ANY CLAIM RESULTING FROM THE MISUSE OF THIS PRODUCT OR ANY USE OTHER THAN THAT FOR WHICH IT WAS SPECIFICALLY DESIGNED. No agent of JET Harvest Solutions is authorized to make any warranties beyond those contained on this label.

Batch # _____

Use By: _____

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